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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

IDS FORM		OCT 29 2007 PATENT & TRADEMARK OFFICE		Application Number	10/790,931
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	March 1, 2004
				First Named Inventor	Takemori TAKAYAMA
				Group Art Unit	-1742 1793
				Examiner Name	Deborah YEE
Sheet	1	of	1	Attorney Docket Number	04005/HG

#### U.S. PATENT DOCUMENTS

Exam. Init's*	Cite No <sup>1</sup>	Document Number		Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

#### FOREIGN PATENT DOCUMENTS

Exam. Init's*	Cite No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
/D.Y./		JP	57-85953	A	IIJIMA et al.	05-28-1982		a

Examiner Signature	/Deborah Yee/	Date Considered	11/08/2007
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DATE: October 29, 2007  
a ENGLISH-LANGUAGE ABSTRACT ENCLOSED

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DY		6,899,774	B2	KOMATSU LTD	05-31-2005	
DY		RE 28,523		REPUBLIC STEEL CORPORATION	08-19-1975	
DY		5,131,965	A	CATERPILLAR INC	07-21-1992	
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DY		JP	49-7117	A	MITSUBISHI STEEL MFG CO LTD	01-22-1974		a
		JP	54-10923	B2	NIPPON STEEL CORP	05-10-1979		a
		JP	54-23328	B2	KOMATSU LTD	08-13-1979		a
		JP	55-12184	B2	TOYOTA MOTOR CORP et al	03-31-1980		a
		JP	57-10177	B2	TOYO INDUSTRIES LTD	02-25-1982		a
DY		JP	57-16186	B2	KAWASAKI HEAVY IND LTD	03-08-1977		b
DY		JP	57-19183	B2	NIPPON STEEL CORP	03-23-1978		b
DY		JP	55-2789	A	KOMATSU LTD	01-10-1980		b

Examiner Signature	Deborah Yee	Date Considered	11-8-07
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a ENGLISH-LANGUAGE TRANSLATION OF TITLE PAGE ONLY ENCLOSED; b ENGLISH-LANGUAGE ABSTRACT ENCLOSED

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DY		JP	59-107066	A	MITSUBISHI HEAVY IND LTD	06-21-1984		a
DY		JP	59-136451	A	MITSUBISHI HEAVY IND LTD	08-06-1984		a
DY		JP	5-32462	B2	NIPPON STEEL CORP	07-07-1989		a
DY		JP	7-74380	B2	NIPPON STEEL CORP	10-02-1991		a
DY		JP	5-59427	B2	MITA IND CO LTD	03-30-1984		a
DY		JP	3227730	B2	DAIDO STEEL CO LTD	03-02-1993		a
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DY		JP	54-124816	A	MITSUBISHI HEAVY IND LTD	09-28-1979		a
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DY		JP	2002-121645		NKK BARS & SHAPES CO LTD	04-26-2002	a	
DY		JP	60-215743		SUMITOMO METAL INDUSTRIES CO LTD	10-29-1985	a	
DY		JP	05-078781		SUMITOMO METAL IND LTD et al	03-30-1993	a	
DY		JP	9-111403		TOA STEEL CO LTD	04-28-1997	a	
DY		JP	8-109435		TOA STEEL CO LTD	04-30-1996	a	
DY		JP	48-23617	A	KOMATSU LTD	03-27-1973		

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				Examiner Name	Deborah YEE
Sheet	4	of	4	Attorney Docket Number	04005/HG

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
DY		J.R. DAVIS, "ASM METALS HANDBOOK", Second Edition, (1998)	
Examiner Signature		Deborah Yee	Date Considered 11-8-07

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		Examiner Name	Deborah YEE		
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DATE: August 31, 2007

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IDS FORM  INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/790,931
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				Group Art Unit	1742 1793
				Examiner Name	Deborah YEE
Sheet	1	of	1	Attorney Docket Number	04005/HG



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Exam. Initia <sup>4</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
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DY		5,085,733	A	MITAMURA	02-04-1992	
DY		6,309,475	B1	TAKAYAMA et al.	10-30-2001	
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DY		6,171,414	B1	MITAMURA et al.	01-09-2001	
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DY		JP	60-5854	A	ITO	01-12-1985		a
DY		JP	4-2173241	A	HIRAI et al.	07-04-1990		a

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*Deborah Yee*

Date  
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PTO/SB/08A (08-00)

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Substitute for Form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> 			Application Number	10/790,931
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		JP	60-162726	A	OGINO et al.	08-24-1985		a
DY		EP	0 950 723	A1	KOMATSU LTD	10-20-1999		

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